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S/N 10/561,489

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MIYAZAKI et al. Examiner: UNKNOWN  
Serial No.: 10/561,489 Group Art Unit: UNKNOWN  
Filed: DECEMBER 20, 2005 Docket: 14434.92USWO  
Title: LIGHT DIFFRACTION METHOD AND DIFFRACTION  
DEVICE, DIFFRACTION GRATING USED FOR THEM,  
AND POSITION ENCODING DEVICE

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the  
U.S. Patent and Trademark Office on MARCH 15, 2006.

By: 

Name: NICOLE LANDREE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

MS PCT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report, mailed October 5, 2004 (previously submitted December 20, 2005).

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. §1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each non-U.S. document or other information listed on the enclosed Form 1449 is provided.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

US 2003/0031846 A1 corresponds to JP 2003-119623 (previously submitted December 20, 2005).

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or

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otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

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Dated: March 15, 2006

By: 

Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

Date Mailed: MARCH 15, 2006

Sheet 1 of 1

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14434.92USWO	Application Number: 10/561,489
	Applicant: MIYAZAKI et al.	
	Filing Date: DECEMBER 20, 2005	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0031846 A1	FEB. 13, 2003	KUMAZAWA et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2003-119623	23.04.03	JAPAN			SEE IDS	
	2001-91717	2001.4.6	JAPAN			ABSTRACT	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Hideki T. Miyazaki, et. al., Enhanced light diffraction from a double-layer microsphere lattice, Applied Physics Letters, November 3, 2003, Vol.83, No 18, p.3662-p.3664
		Hideki T. Miyazaki, et. al., Analysis of specular resonance in dielectric bispheres using rigorous and geometrical-optics theories, Journal Optical Society of America, September 2003, Vol.20, No.9, p.1771-p.1784

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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